

ABSTRACT OF THE DISCLOSURE

Fluid discharge device and method for intermittently discharging and feeding fluid in a constant amount with high speed and high precision, the fluid
5 exemplified by various kinds of liquids such as adhesives, solder paste, fluorescent materials, electrode materials, greases, paints, hot melts, chemicals, foods and the like in production processes in the fields of electronic components, household electrical appliances, displays, and
10 the like. By providing a fluid supply device for supplying the fluid to two surfaces that are moved relative to each other along a direction of a gap, a continuous flow supplied from the fluid supply device is converted into an intermittent flow by utilizing a pressure change due to a
15 change in the gap of the relatively moving surfaces, while the intermittent discharge amount per dot is controlled by the rotational speed of the fluid supply device.